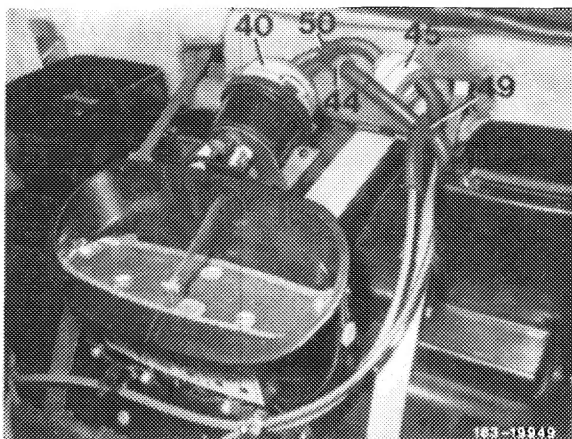
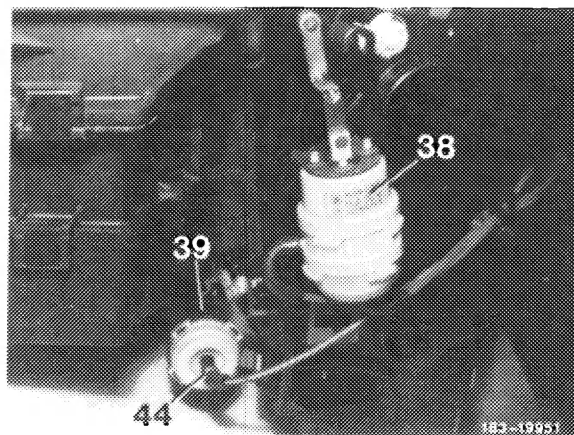


A. Testing vacuum circuit IV with vacuum element (40) for center nozzle and check valve (45)

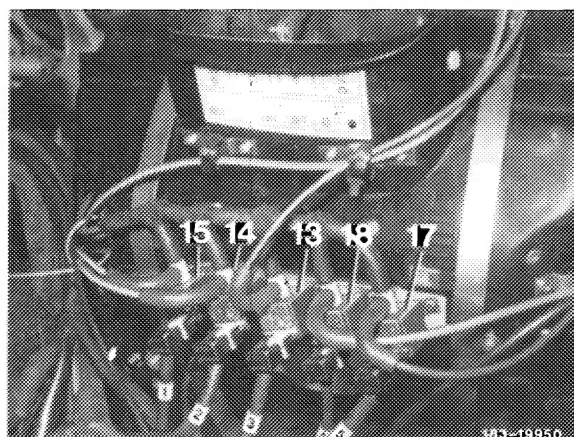
- 1 Remove optional switch.
- 2 Remove cover for optional switch.
- 3 Pull red/black vacuum line from switchover valve (13) for center nozzle flap and connect to vacuum tester (test circuit IV) and evacuate.



- 4 If pressure on measuring instrument increases, test vacuum element (40) individually, remove glove box for this purpose (68-140).

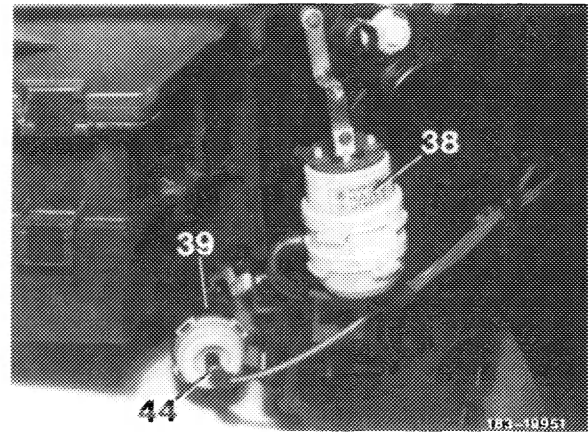
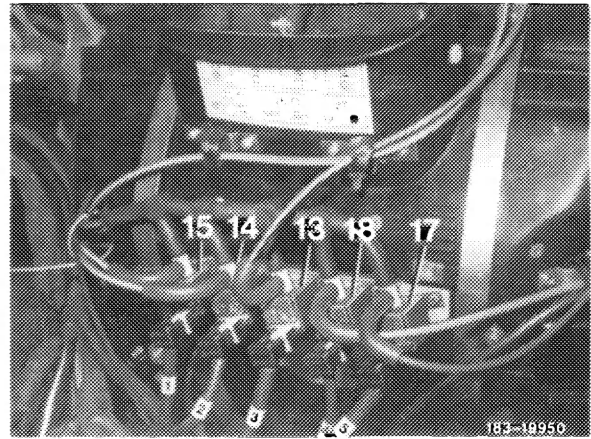


- 5 Install cover for optional switch.
- 6 Install optional switch.
- 7 Install glove box (68-140).
- 8 Check automatic climate control for function.



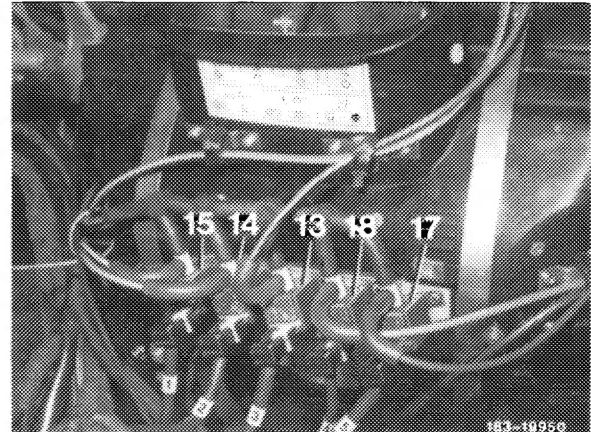
B. Testing vacuum circuit V with vacuum element (39) for legroom flaps

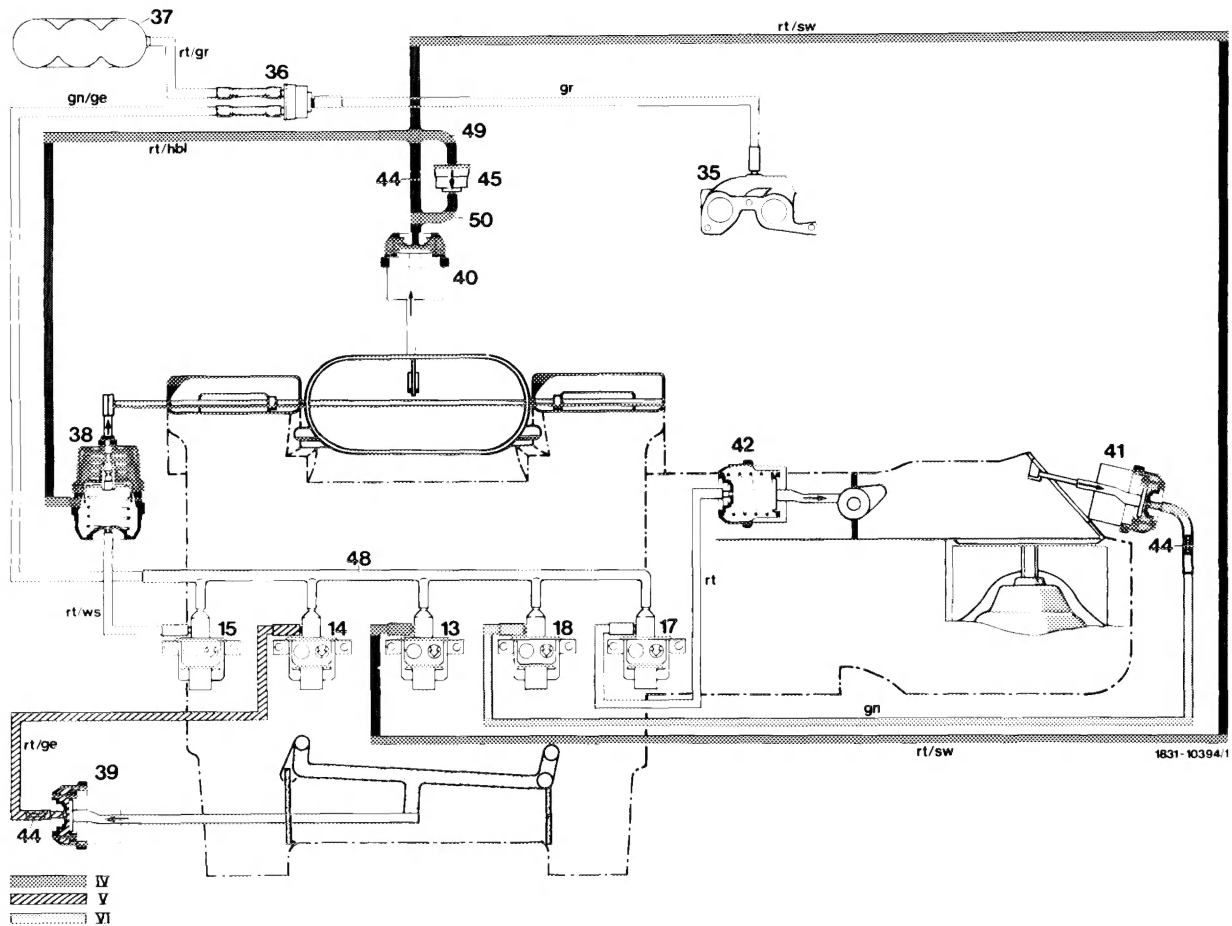
- 1 Pull red/yellow vacuum line from switchover valve (14) and connect tester.
- 2 Evacuate vacuum circuit V, while paying attention to operation of legroom flaps. In the event of a pressure increase on pressure gage, check vacuum line for leaks or replace vacuum element (39) (83–665).



C. Testing vacuum circuit VI with vacuum element (41) for recirculating air flap

- 1 Pull green vacuum line from switchover valve (18) and connect tester.
- 2 Evacuate vacuum circuit VI. In the event of a pressure increase on pressure gage, check vacuum line for leaks or replace vacuum element (41) (83–665).
- 3 Install cover at the left under instrument panel (68–150).
- 4 Install cover for optional switch.
- 5 Install optional switch.
- 6 Install glove box. (68–140).





- 13 Switchover valve for center nozzle flap
- 14 Switchover valve for legroom flaps
- 15 Switchover valve for defroster nozzle flaps
- 17 Switchover valve for fresh air-recirculating air flap
- 18 Switchover valve for fresh air-recirculating air flap
- 35 Vacuum connection on intake manifold
- 36 Check valve
- 37 Vacuum reservoir
- 38 2-stage vacuum element for defroster nozzle flaps (flaps "open")
- 39 Vacuum element for legroom flaps (flaps "open")
- 40 Vacuum element for center nozzle flap (flap "open")
- 41 Vacuum element for fresh air-recirculating air flap (position "fresh air")
- 42 Vacuum element for main air flap (flap "closed")
- 44 Throttle (orifice)
- 45 Check valve (arrow = flow direction)
- 48 6-point distributor
- 49 4-point distributor
- 50 3-point distributor

Color code of

vacuum lines
 ge = yellow
 gn = green
 gr = gray
 rt = red
 ws = white
 hbl = light blue
 sw = black